

# INTERNATIONAL SEARCH REPORT

International application No.

**PCT/CN2015/080508**

## A. CLASSIFICATION OF SUBJECT MATTER

H04L 12/24 (2006.01) i; H04L 29/06 (2006.01) i

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

H04W; H04L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

CPRSABS; CNTXT; CNKI; CNABS; WOTXT; USTXT; SIPOABS; VEN; 3GPP: dilation, virtual machine, composer, NFV, VIM, VNF, NFVO, resource, virtualization, reserve, allocate, scaling, request, partition, virtual, congestion, orchestrator, BS, network, overload, base station, manage, expansion, expand

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	CN 102378186 A (ZTE CORP.), 14 March 2012 (14.03.2012), the whole document	1-28
A	CN 104253866 A (HUAWEI TECHNOLOGIES CO., LTD.), 31 December 2014 (31.12.2014), the whole document	1-28
A	WO 2015077460 A1 (CENTURYLINK IP LLC), 28 May 2015 (28.05.2015), the whole document	1-28
A	WO 2004002085 A1 (ERICSSON TELEFON AB L M et al.), 31 December 2003 (31.12.2003), the whole document	1-28
A	"Network Functions Virtualisation (NFV); Architectural Framework", ETSI GS NFV 002 V1.1.1 (2013-10); 3GPP S5-132092, 31 October 2013 (31.10.2013), main body, pages 13-20	1-28

Further documents are listed in the continuation of Box C.

See patent family annex.

<p>* Special categories of cited documents:</p> <p>"A" document defining the general state of the art which is not considered to be of particular relevance</p> <p>"E" earlier application or patent but published on or after the international filing date</p> <p>"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)</p> <p>"O" document referring to an oral disclosure, use, exhibition or other means</p> <p>"P" document published prior to the international filing date but later than the priority date claimed</p>	<p>"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention</p> <p>"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone</p> <p>"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art</p> <p>"&amp;" document member of the same patent family</p>
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20 January 2016 (20.01.2016)

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**03 February 2016 (03.02.2016)**

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**INTERNATIONAL SEARCH REPORT**  
Information on patent family members

International application No.  
**PCT/CN2015/080508**

Patent Documents referred in the Report	Publication Date	Patent Family	Publication Date
CN 102378186 A	14 March 2012	WO 2013075485 A1	30 May 2013
CN 104253866 A	31 December 2014	None	
WO 2015077460 A1	28 May 2015	US 2015143368 A1	21 May 2015
WO 2004002085 A1	31 December 2003	DE 60227291 D1	07 August 2008
		AU 2002315983 A1	06 January 2004
		EP 1518370 B1	25 June 2008
		US 2005262266 A1	24 November 2005
		EP 1518370 A1	30 March 2005